



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Andreas BÖHM  
Helmut MEYER

Serial No.: 10/693,270

Filing Date: 24 October 2003

Title: WINDING APPARATUS AND METHOD  
FOR PERFORMING A CHANGE OF  
WINDING TUBE IN A WINDING  
APPARATUS

Group: 3654

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

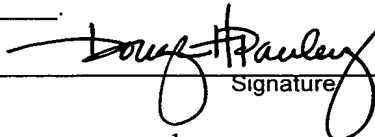
Dear Sir:

References AC, AM, AN (Sheet 1 of 3) and Reference AL (Sheet 3 of 3) listed on Form PTO-1449 are cited and discussed on Pages 3 through 6, 9, 18 and 19 of the referenced U.S. Patent Application and are brought to the attention of the Examiner as being possibly material to examination of this Patent Application.

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

17 FEB 2004

17 FEB 2004  
Date

  
Signature

Serial No.: 10/693,270

The following co-pending Patent Application is brought to the attention of the Examiner as possibly being material to examination of the subject Patent Application:

Title: WINDING DEVICE, AND METHOD FOR  
PERFORMING A WINDING SHAFT CHANGE IN  
A WINDING DEVICE  
Applicants: Karl DRECKMANN and Andreas BÖHM  
Serial No.: 10/117,684  
Filing Date: 05 April 2002  
Attorney Docket No.: MMG-114

A copy of the co-pending U.S. Patent Application 10/117,684 is enclosed.

Reference AL (Sheet 3 of 3) is the Priority Document corresponding to U.S. Serial No. 10/117,684.

Reference AB (Sheet 1 of 3), U.S. Patent 4,798,351 in the English language, is the counterpart to Reference AM (Sheet 1 or 3), German Patent Reference 36 30 572.

Japanese Patent Reference JP 58-17048 discloses a winding device with a foil routed over contact rollers, wherein the winding device has a vertically displaceable roller assembly and roller guide arms.

German Patent Reference DE 197 19 048 discloses a method of winding up a plastic foil, which is produced by a blowing up process, which plastic foil is

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thereafter laid down to a flat plastic foil. The flat plastic foil is fed to reversing rollers and thereafter fed to a winding up device including a winding shaft for forming a coil. The flat laid plastic foil and the reversing rollers are charged electrostatically prior to being fed to the reversing rollers.

German Patent Reference DE 42 13 712 C2 teaches a winding device having a continuously arriving foil web that is continuously wound into a coil wherein, after a preset coil diameter is reached, the passing on of the coil wound on the winding shaft and the supply of a fresh winding shaft for forming a new coil from the foil web occurs in an automated fashion without it necessary to interrupt the continuous feeding of the foil web.

German Patent Reference DE-AS 15 74 426 teaches a winding device with an automatically performed winding shaft change.

Swiss Patent Reference 674 352 discloses an apparatus for winding a foil web, wherein the web is routed over a plurality of rotating drums, including a rotating drum with a fixed angular position and a rotating drum with an adjustable angular position.

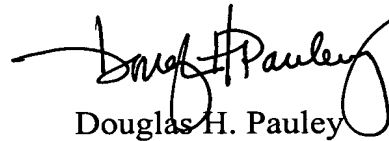
Swiss Patent Reference 676 113 discloses an apparatus for winding a foil material, wherein the foil material is routed over a plurality of rotating drums, wherein a wedge element is mounted to pivot with respect to the coil material.

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Reference AO (Sheet 1 of 3) is in the English language. References AM and AN (Sheet 2 of 3) each contains an English language abstract.

Form PTO-1449 (3 pages) is enclosed with a copy of each and every cited non-U.S. Patent document.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Douglas H. Pauley", written over a horizontal line.

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FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

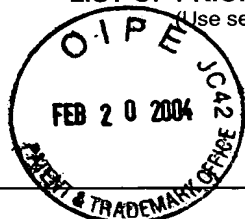
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SERIAL NO.

10/693,270

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)



APPLICANT(S)

Andreas BÖHM et al.

FILING DATE

24 October 2003

GROUP

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|------------------|-------|----------|-------------------------------|
|                      | AA | 3,350,027       | 10/1967 | Egan             |       |          |                               |
|                      | AB | 4,798,351       | 01/1989 | Halter et al.    |       |          |                               |
|                      | AC | 4,770,358       | 09/1988 | Suzuki et al.    |       |          |                               |
|                      | AD | 4,196,865       | 04/1980 | Patriksson       |       |          |                               |
|                      | AE | 4,444,362       | 04/1984 | Karr             |       |          |                               |
|                      | AF | 4,445,646       | 05/1984 | Karr et al.      |       |          |                               |
|                      | AG | 4,456,190       | 06/1984 | Karttunen et al. |       |          |                               |
|                      | AH | 4,695,004       | 09/1987 | Grossmann et al. |       |          |                               |
|                      | AI | 5,314,132       | 05/1994 | Ando et al.      |       |          |                               |
|                      | AJ | 4,852,820       | 08/1989 | Looser           |       |          |                               |
|                      | AK | 5,954,291       | 09/1999 | Meinecke et al.  |       |          |                               |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER   | DATE    | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|-------------------|---------|---------|-------|----------|-------------|----|
|  |    |                   |         |         |       |          | YES         | NO |
|  | AL | 1 574 426 /       | 01/1972 | Germany |       |          |             |    |
|  | AM | 36 30 572 /       | 03/1998 | Germany |       |          |             |    |
|  | AN | 42 13 712 /       | 03/1995 | Germany |       |          |             |    |
|  | AO | EP 0 995 708 A2 / | 04/2000 | EPO     |       |          |             |    |
|  | AP | JP 58-17048 /     | 02/1983 | Japan   |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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| <b>FORM PTO-1449</b><br>(MODIFIED) | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>MMG-125         | SERIAL NO.<br>10/693,270 |
|                                    |  | APPLICANT(S)<br>Andreas BÖHM et al. |                          |
|                                    |  | FILING DATE<br>24 October 2003      | GROUP                    |

**LIST OF PRIOR ART CITED BY APPLICANT**  
(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE    | NAME             | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|---------|------------------|-------|----------|-------------------------------|
|                      | AA | 6,029,927       | 02/2000 | Wohlfahrt et al. |       |          |                               |
|                      | AB | 6,045,085       | 04/2000 | Andersson et al. |       |          |                               |
|                      | AC | 6,149,099       | 11/2000 | Meinecke et al.  |       |          |                               |
|                      | AD | 6,474,589       | 11/2002 | Enwald et al.    |       |          |                               |
|                      | AE |                 |         |                  |       |          |                               |
|                      | AF |                 |         |                  |       |          |                               |
|                      | AG |                 |         |                  |       |          |                               |
|                      | AH |                 |         |                  |       |          |                               |
|                      | AI |                 |         |                  |       |          |                               |
|                      | AJ |                 |         |                  |       |          |                               |
|                      | AK |                 |         |                  |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT NUMBER  | DATE    | COUNTRY                     | CLASS | SUBCLASS | TRANSLATION |    |
|--|----|------------------|---------|-----------------------------|-------|----------|-------------|----|
|  |    |                  |         |                             |       |          | YES         | NO |
|  | AL | DE 197 19 048 A1 | 11/1998 | Germany                     |       |          |             |    |
|  | AM | JP 60-197556     | 10/1985 | Japan<br>(English Abstract) |       |          |             |    |
|  | AN | JP 61-130164     | 06/1986 | Japan<br>(English Abstract) |       |          |             |    |
|  | AO | 674 352          | 05/1990 | Switzerland                 |       |          |             |    |
|  | AP | 676 113          | 12/1990 | Switzerland                 |       |          |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

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|  | AA |  |         |                                     |       |                          |                               |
|  | AB |  |         |                                     |       |                          |                               |
|  | AC |  |         |                                     |       |                          |                               |
|  | AD |  |         |                                     |       |                          |                               |
|  | AE |  |         |                                     |       |                          |                               |
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|  | AG |  |         |                                     |       |                          |                               |
|  | AH |  |         |                                     |       |                          |                               |
|  | AI |  |         |                                     |       |                          |                               |
|  | AJ |  |         |                                     |       |                          |                               |
|  | AK |  |         |                                     |       |                          |                               |
| <b>FOREIGN PATENT DOCUMENTS</b>  |    |  |         |                                     |       |                          |                               |
|  |    | DOCUMENT NUMBER  | DATE    | COUNTRY                             | CLASS | SUBCLASS                 | TRANSLATION                   |
|  |    |  |         |                                     |       |                          | YES      NO                   |
|  | AL | 1 247 773 A2   | 10/2002 | EPO                                 |       |                          |                               |
|  | AM |  |         |                                     |       |                          |                               |
|  | AN |  |         |                                     |       |                          |                               |
|  | AO |  |         |                                     |       |                          |                               |
|  | AP |  |         |                                     |       |                          |                               |
| <b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>   |    |  |         |                                     |       |                          |                               |
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